

APPENDIX II
TO
ATTACHMENT 7

LOCAL
ACCOUNT MAINTENANCE

LOCAL ACCOUNT MAINTENANCE REQUIREMENTS

1. GENERAL

In a Resale environment the goal is to enable AT&T to create an account maintenance structure congruent to GTE. In the current LEC environment, the LEC has access to all of the customer account data, network switch activity and current status, and new and existing customer account data. In order to obtain the data necessary to satisfy AT&T Local Account Maintenance requirements, GTE must support three key Local Account Maintenance requirements.

1.1 REQUIREMENT #1 - LSP Change Notification Feed

Situation: A Customer initiates a change from AT&T to another LSP by contacting the New LSP. (LSP Change Notification Feed)

GTE shall issue and provide to AT&T at the end of each business day a service activation report in an electronic format reflecting change activity occurring on the previous day.

Create an end-of-day LSP Change Notification Feed:

Purpose: To convey to AT&T that a customer has left the LSP and moved to a new LSP. The new LSP could either be another Reseller, GTE or Facilities based provider.

Data Delivery Schedule: Five days a week, volumes fluctuating with change activity.

Data Transfer Requirements: Batch feed, sent end-of-day, via Connect/Direct NDM sent within 24 hours of the switch being provisioned.

AT&T Data Center Receiving NODE: NDMATTA1

Dataset Name: TMCD.LOCAL.LSPOUT.(+1) = Generation dataset

1.2 REQUIREMENT #2 - LSP SERVICE ORDER PIC ONLY CHANGE PROCESS

Situation: Customer has AT&T for Local Service and contacts AT&T requesting a change of PIC only from one LD Carrier to another.

AT&T Local Process: LD PIC Changes will be accepted by AT&T. AT&T will enter the PIC Change into the service order system, and will generate an LD PIC Change Order which will be sent to GTE for provisioning.

SWP Requirement: Accept a PIC Only Change for an existing AT&T customer via the current Service Order feed. Provision the network, and convey the confirmation of the PIC Only order via the current Work Order Completion feed.

1.3 REQUIREMENT #3 - IXC PIC CHANGE PROCESS

Situation: Customer has AT&T and contacts a New IXC to change PIC to new LD Carrier.

Upon receipt of an IXC-initiated '01' PIC order on a Resold line:

- GTE will reject the '01' order. Create the appropriate Industry Standard '3148', with the Local Service Provider ID of the Reseller and send the reject to the originating IXC. The reject must be returned within one business day.

NOTE: If GTE refuses to provide the Local Service Provider ID the record can be rejected with the Industry Standard transaction code '3147'.

1.4 PIC Restricted

In order for GTE to appropriately reject an IXC initiated "01" PIC Order on an AT&T WTN, GTE must implement a specific up-front edit. Do not apply a 'PIC Freeze' or a 'PIC Restriction'.

If the submitted WTN is a resold line assigned to AT&T (LSP ID 7421), reject the "01" PIC order with TCSI 3148. Populate LSP ID 7421 in the CARE record and return to the submitting IXC. If GTE were to reject the order for the reason of "restricted PIC" rather than "resold line," the

submitting IXC would not know the line was resold. This would further delay the IXC's attempt to provision the line with the correct LSP.

The above edit process has nothing to do with "PIC Restriction." It is not AT&T's intent to provide GTE with end user PIC Restriction information since an end user's request for PIC restriction will be resident only on AT&T data bases. IXC initiated PIC orders received by AT&T will be edited for restricted PIC and returned to the submitting IXC with the appropriate reject TCSI if the WTN is found to be restricted.

GLOSSARY OF TERMS

<u>Acronym</u>	<u>Definition</u>
ALEC	Alternate Local Exchange Carrier
CARE	Customer Account Record Exchange
CTI	Customer Type Indicator
Incumbent LEC	Incumbent Local Exchange Company
ISI	Industry Support Interface
IXC	Interexchange Carrier
LAM	Local Account Maintenance
LD	Long Distance
LEC	Local Exchange Company
LERG	Local Exchange Routing Guide
LSP	Local Service Provider
NDM	Network Data Mover
OCN	Operating Company Number
OUTPLOC	LSP CHANGE NOTIFICATION
PIC	Primary Interexchange Carrier
PLOC	Primary Local Operating Carrier
S/O	Service Order
SWP	Switch Provider
WTN	Working Telephone Number

ATTACHMENT 8

INTERIM NUMBER PORTABILITY

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INTERIM NUMBER PORTABILITY

1. Provisioning of Interim Number Portability

The Parties shall provide to each other where applicable and to the extent technically feasible, interim number portability (INP) in accordance with the requirements of the Act and FCC 96-286. INP will be provided with minimum impairment of functionality, quality, reliability and convenience to subscribers of AT&T services. INP by Remote Call Forwarding shall be made available for ordering by AT&T upon approval of this Agreement. The Parties agree that the requirements and obligations imposed on GTE under this Attachment 8 and this entire Agreement with respect to number portability shall apply reciprocally to AT&T in locations where number portability from AT&T to GTE is applicable.

- 1.1 In addition, except for the loss of features that may be occasioned by the use of Remote Call Forwarding or other number portability technologies, the AT&T Customer may retain its local telephone number with no loss of features and functionalities; and the post-dial delay (time elapsed between the last digit dialed and the first network response), call completion rate and transmission quality experienced by an AT&T Customer shall be equal in quality to that experienced by a similarly-situated GTE Customer with Remote Call Forwarding or other number portability technology, as the case may be.

2. Interim Number Portability (INP) Methods

2.1 INP Methods

INP shall be provided by Remote Call Forwarding (RCF), Direct Inward Dialing (DID), or Local Exchange Routing Guide (LERG). AT&T shall specify on a per telephone number basis which method is to be employed and GTE shall provide such method to the extent technically feasible. If DID is ordered but not immediately available, AT&T may choose another available INP method until the requested service is available, provided, however, that GTE shall provide to AT&T the requested service within six (6) months of the approval of this Agreement. AT&T and GTE agree that AT&T may identify additional or revised methods of interim number portability. All such additional or modified methods of interim number portability shall be subject to the Bona Fide Request Procedures outlined in Attachment 12.

2.2 Remote Call Forwarding

Remote Call Forwarding (RCF) is an existing switch-based GTE service that may be used to provide subscribers with limited service-provider LNP by redirecting calls within the telephone network. When RCF is used to provide LNP, calls to the ported number will first route to the GTE switch to which the ported number was previously assigned. The GTE switch will then forward the call to a number with an NXX associated with the AT&T operated switch to which the number is ported. AT&T shall specify the number of paths required to handle multiple simultaneous calls to the same ported telephone number.

2.3 Direct Inward Dialing

When a call to the ported number reaches the GTE switch, DID will route the dialed number directly to AT&T, over end-office to end-office, one-way DID trunking with multi-frequency (MF) signaling for call completion.

2.3.1 DID does not allow for overflow routing. MF signaling does not allow for passing the Calling Party Line Identification (CLID) to AT&T.

2.3.2 [Intentionally Deleted]

2.3.3 GTE shall disclose to AT&T any technical or capacity limitations that would prevent use of a requested INP implementation in a particular switching office. GTE and AT&T shall cooperate in the process of provisioning INP to minimize customer out-of-service time.

2.4 [Intentionally deleted.]

2.5 LERG Reassignment

Where either Party has activated for a customer either (1) an entire NXX (i.e., a block of 10,000 seven-digit telephone numbers beginning with the same three-digits) or (2) at least 80% of NXX with the remaining numbers in that NXX either reserved for future use or otherwise unused, then if such customer chooses to receive service from the other Party, the Party that initially activated the NXX shall cooperate with the other Party to have the entire NXX reassigned (or subsequently reassigned, in the case of subsequent carrier change) in the LERG (and associated industry databases, routing tables, etc.) to an end office operated by the Party to whom such customer's service is being transferred.

3. **Requirements for INP**

3.1 **White and Yellow Page Listings**

GTE shall provide and maintain for AT&T one (1) white page and one (1) yellow page (if applicable) listing for each AT&T subscriber that has ported its number from GTE, consistent with that specified for Provisioning in this Agreement.

3.2 The listing and handling of listed and nonlisted telephone numbers will be at least at parity with that provided by GTE to its own customers.

3.3 **Cutover Process**

GTE shall cooperate in the process of porting numbers from one carrier to the other so as to limit service outage for the ported subscriber.

3.4 **Testing**

GTE shall cooperate in testing ported telephone numbers to assure call completion.

3.5 **Non-Geographic Numbers**

GTE shall not be required to provide number portability for non-geographic services (e.g., 500 and 900 NPAs and 976 NXX number services) under this Agreement.

3.5.1 Compensation arrangements for terminating local traffic between GTE and AT&T shall apply to ported calls.

3.5.2 GTE shall pay to AT&T a portion of the terminating access revenue for calls transported from the interexchange carrier to AT&T via a GTE porting office.

3.6 **Treatment of TLN Calling Cards**

3.6.1 Where Currently Available and where AT&T is purchasing LIDB services from GTE, GTE shall allow AT&T to order provisioning of TLN calling cards and Billed Number Screening (BNS), in its LIDB, for numbers ported on an interim basis, as specified by AT&T. GTE shall continue to allow AT&T access to its LIDB. Other LIDB provisions are specified in this Agreement.

3.7 **911**

AT&T shall have the right to use the existing GTE 911 infrastructure for all 911 capabilities. With respect to 911 service associated with ported numbers under INP, AT&T shall provide to GTE in GTE's capacity as administrator of the PSAP's ALI (Automatic Location Identification)

database, current subscriber address records keyed to AT&T's shadow number and including GTE's ported number and GTE's company identification number as established by the National Emergency Number Association (NENA). GTE will provide the AT&T records to the ALI database as promptly as it provides its own records. GTE will work with AT&T to establish a process to verify the accuracy of the information in the PSAP's database.

ATTACHMENT 9

NETWORK SECURITY

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NETWORK SECURITY

1. Protection of Service and Property

GTE shall exercise the same degree of care to prevent harm or damage to AT&T, its employees, agents or customers, or their property as it employs to protect its own personnel, customers and property, etc. GTE, its employees, agents, or representatives agree to take reasonable and prudent steps to protect AT&T property and services, including, but not limited to:

- 1.1 Restricting access to AT&T's collocation space as set forth in applicable GTE state and federal collocation tariffs. Additionally, GTE agrees that the following terms and conditions shall apply to access to AT&T's collocation space:
 - 1.1.1 GTE shall implement adequate measures to control access to collocation cages.
 - 1.1.2 Collocation space shall comply with all applicable fire and safety codes.
 - 1.1.3 Doors with removable hinges or inadequate strength shall be monitored by an alarm connected to a manned site. All other alarms monitoring AT&T collocation space provided by GTE shall also be connected to a manned site. AT&T may, at its option, provide its own intrusion alarms for its collocated space.
 - 1.1.4 GTE shall control janitorial access to collocation cages, and restrict such access to approved and certified employees, agents or contractors.
 - 1.1.5 GTE shall establish procedures for access to collocation cages by GTE and non-GTE emergency personnel, and shall not allow access by security guards unless such access comports with this section and is otherwise allowed under applicable GTE state and federal collocation tariffs.
 - 1.1.6 GTE shall retain a master key to AT&T's collocation space for use only in event of emergency as detailed in applicable GTE state and federal tariffs. At AT&T's option, the Parties shall review key control procedures no more frequently than twice in any twelve month period. At any time, AT&T may elect to change keys if it suspects key control has been lost, provided, however, that GTE will be provided with a master key in accord with this section.
 - 1.1.7 Not more frequently than twice a year, AT&T may audit the security and access procedures and equipment applicable to its collocated space and the central office housing the collocation space. Access by personnel

necessary to conduct such an audit shall be limited as set forth in applicable GTE state and federal collocation tariffs. Should AT&T identify deficiencies in security and access procedures and equipment, as a result of such audits or otherwise, the cost, terms and conditions of the correction of such deficiencies shall be negotiated in good faith between the Parties.

- 1.2 In order to protect customer proprietary information, ensure both ongoing operational and update integrity of databases, and control access to the ability to disconnect end users on authorized ports, in cases in which there are shared systems access to GTE systems, GTE will provide access controls to its system based upon GTE's internal security standards, which standards shall include, at minimum, traditional log in and password procedures. AT&T shall be responsible for AT&T control installation.

2. Revenue Protection

- 2.1 The Parties shall work cooperatively with each other to utilize present and future fraud prevention or revenue protection features, including prevention, detection, or control functionality embedded within the network. These features may include screening codes, call blocking of international, 800, 900/976, and 700 numbers and the capability to require end-user entry of an authorization code for dial tone on a per line basis, in accordance with applicable laws, regulations and tariffs. GTE will provide call blocking of 700 and 800/888 numbers when Currently Available and when made available to GTE end users, in accordance with applicable laws, regulations and tariffs. Upon AT&T's request, GTE shall provide AT&T with information generated by the fraud prevention or revenue prevention features of its network relevant to fraudulent use of services by AT&T's customers.
- 2.2 Uncollectible or unbillable revenues resulting from, but not confined to, provisioning, maintenance, or signal network routing errors shall be the responsibility of the Party causing such error if such errors are the willful action of such Party or any employee or agent of such Party when such action is directed at the other Party or the other Party's customer.
- 2.3 Uncollectible or unbillable revenues resulting from work errors or software alterations shall be the responsibility of GTE only where it has direct control over the work or software alterations if such errors or alterations are the willful action of such Party or any employee or agent of such Party when such action is directed at the other Party or the other Party's customer.
- 2.4 The Party that holds legal title to, and the rights to maintain and control the physical integrity of, local loop facilities which are used by the other Party to provide services to its customers, shall be responsible to such other Party for any uncollectible or unbillable revenues resulting from the unauthorised

physical attachment to such local loop facilities where such unauthorized physical attachment was the willful act of such Party or any employee or agent of such Party when such action is directed at the other Party or the other Party's customer.

- 2.5 GTE shall provide quick/soft dial tone to allow only the completion of calls to termination points required by law and to establish service.

3. **Law Enforcement Interface**

- 3.1 Only if available in connection with GTE's operation of its own business, GTE shall provide seven day a week/ twenty-four hour a day installation and information retrieval pertaining to emergency traps, assistance involving emergency traces and emergency information retrieval on customer invoked CLASS services, including, without limitation, call traces requested by AT&T.
- 3.2 GTE agrees to work jointly with AT&T in security matters to support law enforcement agency requirements for taps, traces, court orders, etc. Charges for providing such services for AT&T Customers will be billed to AT&T.
- 3.3 GTE will, in nonemergency situations, inform the requesting law enforcement agencies that the end-user to be wire tapped, traced, etc. is an AT&T Customer and shall refer them to AT&T.

4. **Impairment of Service**

- 4.1 The characteristics and methods of operation of any circuits, facilities or equipment of either Party connected with the services, facilities or equipment of the other Party pursuant to this Agreement shall not interfere with or impair service over any facilities of the other Party, its affiliated companies, or its connecting and concurring carriers involved in its services, cause damage to their plant, violate any applicable law or regulation regarding the invasion of privacy of any communications carried over the Party's facilities or create hazards to the employees of either Party or to the public (each hereinafter referred to as an "Impairment of Service").
- 4.2 If either Party causes an Impairment in Service, the Party whose network or service is being impaired (the "Impaired Party") shall promptly notify the Party causing the Impairment of Service (the "Impairing Party") of the nature and location of the problem and that, unless promptly rectified, a temporary discontinuance of the use of any circuit, facility or equipment may be required. The Impairing Party and the Impaired Party agree to work together to attempt to promptly resolve the Impairment of Service. If the Impairing Party is unable to promptly remedy the Impairment of Service, then the

Impaired Party may at its option temporarily discontinue the use of the affected circuit, facility or equipment.

ATTACHMENT 10**ACRONYMS**

ACRONYM	DEFINITION
AAA	American Arbitration Association
AIN	Advanced Intelligent Network
ALEC	Alternative Local Exchange Carrier
ALI/DMS	Automatic Location Identification/Data Management Systems
AMA	Automated Message Accounting
ANSI	American National Standards Institute
ARPM	Average Revenue Per Message
ATIS	Alliance for Telecom Industry Solutions
ATM	Asynchronous Transfer Mode
BICI	Broadband Inter-Carrier Interface
BITS	Building Integrated Timing Supply
BLV	Busy Line Verification
BRCS	Business and Residential Customer Service
C	Network Element Combination
C-DTTA	Combo of Dedicated Transport & Tandem
C-LPLS	Combo of Loop & Local Switching
C-LSCTSSDBTS	* [Combinations]
CABS	Carrier Access Billing Systems
CAMA ANI	Centralized Automatic Message Accounting - Automatic Number Identification
CAP	Competitive Access Provider
CARE	Customer Account Record Exchange
CCITT	Consultative Committee on International Telegraph & Telephone
CCS	Communications Channel Signaling
CCSNIS	Common Channel Signaling Network Interface Specification
CIC	Carrier Identification Code
CLASS	Custom Local Area Signaling Service
CLC	Carrier Liaison Committee
CLEC	Competitive Local Exchange Carrier
CLLI	Common Language Location Identifier
CMIP	Coded Mark Inversion Protocol

*Combo of: Local Switching, Common Transport, Signaling, Databases & Tandem Switching

CO	Central Office
CPE	Customer Premises Equipment
CRDD	Customer Requested Due Dates
CT	Common Transport
CTI	Customer Type Indicator
CY	Current Year
DA	Directory Assistance
DACS	Digital Access Crossconnect Systems
DB	Database
DB	Service Central Points/Databases
DCC	Data Communications Channel
DCS	Digital Cross-Connect System
DID	Direct Inward Dialing
DLC	Digital Loop Carrier
DLCI	Data Link Connection Identifier
DMOQs	Direct Measures of Quality
DN	Directory Numbers
DN-RI	Directory Number – Route Index
DS-1	Digital Signal Level One
DS-3	Digital Signal Level Three
DS0	Digital Signal Level Zero
DSN	Data Set Name
DSX	Digital Cross Connect
DT	Dedicated Transport
DTMF	Dual-Tone Multi Frequency
E	Network Element
E&M	Ear & Mouth Signaling
E-LP	Element Loop
EAMF	Equal Access Multi-Frequency
EBCDIC	Extended Binary-Coded Decimal Interexchange Code
EBI	Electronic Bonding Interface
EFT	Electronic Fund Transfer
EI	Electronic Interface
EI	Emergency Interrupt
EMR	Exchange Message Record
EO	End Office
ESF	Extended Super Frame
ESL	Essential Service Line
ETTR	Estimated Time to Repair
FDI	Feeder Distribution Interface
FN	Fiber Node
FOC	Firm Order Confirmation

FRF	Frame Relay Forum
FUNI	Framebased User to Network Interface
GTT	Global Title Translation
HDT	Host Digital Terminal
HFC	Hybrid Fiber Coax
HFC-HDT	Hybrid Fiber Coax – Host Digital Terminal
ID	Remote Identifiers
IEC	Interexchange Carrier
IECs	Interexchange Carriers
IEEE	Institute of Electrical and Electronic Engineers
IISP	Interim Interswitch Signaling Protocol
ILEC	Incumbent Local Exchange Carrier
INA	Integrated Network Access
Incumbent LEC	Incumbent Local Exchange Company
INP	Interim Number Portability
ISDN	Integrated Services Digital Network
ISDNUP	Integrated Services Digital Network User Part
ISI	Industry Support Interface
ISNI	Intermediate Signal Network Identifier
ISO	International Standardization Organization
ISUP	Integrated Services User Part
ITU	International Telecommunications Union
IVMS	Interswitch Voice Messaging Service
IXC	Interexchange Carrier
LAM	Local Account Maintenance
LARG	LIDB Access Routing Guide
LASS	Local Area Signaling Services
LATA	Local Access Transport Area
LC	Loop Concentrator/Multiplexor
LCC	Line Class Code
LD	Loop Distribution
LEC	Local Exchange Carrier
LEC DA	LEC Directory Assistance
LEC SCE	LEC Service Creation Environment
LEC SCP	LEC Service Control Point
LEC SMS	LEC Service Management System
LEC SSP	LEC Service Switching Point
LERG	Local Exchange Routing Guide
LF	Loop Feeder
LGX	Lightguide Cross-Connect
LIDB	Line Information Data Base
LMI	Local Management Interface

LNP	Local Number Portability
LP	Loop
LRECL	Logical Record Length
LRN	Local Routing Number
LS	Local Switching
LSO	Local Serving Office
LSP	Local Service Provider
LSSGR	LATA Switching Systems Generic Requirements
MDF	Main Distribution Frame
MDU	Multiple Dwelling Unit
MDU/BCL	Multiple Dwelling Unit/Business Customer Location
MF	Multi-Frequency
MIB	Management Information Base
MLT	Mechanized Loop Tests
MOP	Methods of Procedure
MOS	Modified Operator Services
MR	Modification Request
MRVT	MTP Routing Verification Test
MSAG	Master Street & Address Guide
MTP	Message Transfer Port
NDM	Network Data Mover
NEBS	Network Equipment Building System
NI	Network Interface Device
NID	Network Interface Device
NIU	Network Interface Unit
NMS	Network Management System
NNI	Network to Network Interface
NVT	Network Validation Test
OAM	Operation and Maintenance
OAM&P	Operations Administration Maintenance & Provisioning
OBF	Ordering & Billing Forum
OC	Optical Carrier
OCN	Operating Company Number
ODS	Optical Distribution
OLI	Originating Line Indicator
OMAP	Operations, Maintenance & Administration Part
ORT	Operational Readiness Test
OS	Operator Services
OSPS	Operator Services Position System
OSS	Operations Support Systems
OSSGR	Operator Services Systems Generic Requirements
OUTPLOC	LSP CHANGE NOTIFICATION

PBX	Private Branch Exchange
PDH	Plesiochronous Digital Hierarchy
PEC	Primary Exchange Carrier
PIC	Primary Interexchange Carrier
PLOC	Primary Local Operating Carrier
PNP	Permanent Number Portability
POI	Point of Interface
POI	Points of Interconnection
POT	Point of Termination
POTS	Plain Old Telephone Service
PRI	Primary Rate Interface
PSAP	Public Safety Answering Point
PUC	Public Utilities Commission
RAO	Regional Accounting Office
RCF	Remote Call Forwarding
RECFM	Record Format
RI	Route Index
RI-PH	Route Index - Portability Hub
ROW	Right of Way
RPC	Regional Processing Center
RSM	Remote Switch Module
RT	Remote Terminal
SAG	Street Address Guide
SCCP	Signaling Connection Control Point
SCP	Service Control Points
SDH	Synchronous Digital Hierarchy
SECAB	Small Exchange Carrier Access Billing
SL	Signaling Link Transport
SMDI-E	Standard Message Desk Interface - Enhanced
SMS	Service Management System
SNMP	Simple Network Management Protocol
S/O	Service Order
SONET	Synchronous Optical Network
SPOC	Single Point of Contact
SPOI	Signaling Point of Interconnection
SRVT	SCCP Routing Verification Test
SS	SS7 Message Transfer & Connection Control
SS7	Signaling System 7
SSP	Switching Services Port
STP	Signaling Transfer Point
STS	Synchronous Transport Signal
SWF-DSI	Switched Functional DS1 Service Capability

SWP	Switch Provider
T&M	Time & Material
TCAP	Transaction Capabilities Application Port
TDEV	Time Deviation
TDI	Tie Down Information
TIA/EIA	Telecommunications Industries Association/Electronic Industries Association
TR	Technical Requirements
TS	Tandem Switching
TSG	Trunk Sub-Group
TSGR	Transport System Generic Requirements
TSLRIC	Total Service Long Run Incremental Cost
TSP	Telecommunications Services Priority
UNI	User to Network Interface
VB	Variable Block
VCI	Virtual Channel Identifier
VF	Voice Frequency
WDM	Wavelength Division Multiplexing
WTN	Working Telephone Number

ATTACHMENT 11

DEFINITIONS

"AAA" means the American Arbitration Association.

"Act" means the Telecommunications Act of 1996.

"Advanced Intelligent Network (AIN)" is a network functionality that permits specific conditions to be programmed into a switch which, when met, directs the switch to suspend call processing and to receive special instructions for further call handling instructions in order to enable carriers to offer advanced features and services.

"Affiliate" means, with respect to any Party, a corporation or other entity directly or indirectly controlled by, controlling or under common control with such Party. "Control" means the power to direct the management and policies of the entity whether through the ownership of voting securities by agreement, or otherwise.

"Agreement" has the meaning set forth in the preamble.

"AIN Services" has the meaning set forth in Section 27.1 of the Agreement.

"AMA" means the Automated Message Accounting structure inherent in switch technology that initially records telecommunication message information. AMA format is contained in the Automated Message Accounting document, published by Bellcore as GR-1100-CORE which defines the industry standard for message recording.

"Applicable Law" shall mean all laws, statutes, common law, regulations, ordinances, codes, rules, guidelines, orders, permits and approvals of any Governmental Authority, including without limitation those relating to the environment, health and safety, which apply or relate to Work Locations or the subject matter of this Agreement.

"Arbitrator" has the meaning set forth in Section 6.1 of Attachment 1 of the Agreement.

"As Defined in the Act" or "As Described in the Act" means as specifically defined or as described, respectively, in the Act as from time to time interpreted in the duly authorized rules and regulations of the FCC or the Commission.

"AT&T" has the meaning set forth in the Preface.

"AT&T Customer" means any business or residential customer for AT&T Telecommunications Service.

"Attachment" is any placement of one Party's equipment or facilities in or on another Party's Poles, Ducts, Conduits, or Rights of Way.

"Attachment Request" is a request for attachment made pursuant to Section 3.4 of Attachment 3 of the Agreement.

"Automatic Location Identification/Data Management System (ALI/DMS)" means the emergency services (E911/911) database containing customer location information (including name, address, telephone number, and sometimes special information from the local service provider) used to determine to which Public Safety Answering Point ("PSAP") to route the call.

"Automatic Route Selection (ARS)" is a service feature that provides for automatic selection of the least expensive or most appropriate transmission facility for each call based on criteria programmed into the system.

"Bill" means bill submitted by one Party to the other Party for Charges.

"Bill and Keep" means that either party may track traffic exchanged between the parties but neither party shall bill the other for such traffic and no compensation for such traffic shall be paid from one party to the other.

"Business Day" has the meaning set forth in Section 23.8 of the Agreement.

"BLV/BLI (Busy Line Verify/Busy Line Interrupt) Traffic" or "BLV/BLI Call" means an operator call in which the end user inquires as to the busy status of, or requests an interruption of, a call on an Exchange Service.

"CABS" means the Carrier Access Billing System which is contained in a document prepared under the direction of the Billing Committee of the OBF. The Carrier Access Billing System document is published by Bellcore in Volumes 1, 1A, 2, 3, 3A, 4 and 5 as Special Reports SR-OPT-001868, SR-OPT-001869, SR-OPT-001871, SR-OPT-001872, SR-OPT-001873, SR-OPT-001874, and SR-OPT-001875, respectively, and contains the recommended guidelines for the billing of access and other connectivity services. References to CABS formatted bills and electronic forms of billing data shall be to billing information that is formatted in accordance with applicable CABS guidelines.

"Central Office Switch" means a switch used to provide Telecommunications Services including (I) "End Office Switches" which are Class 5 switches from which end user Exchange Services are directly connected and offered, and

(ii) "Tandem Office Switches" which are Class 4 switches which are used to connect and switch trunk circuits between and among central office switches. Central office switches may be employed as combination end office/tandem office switches (combination Class 5/Class 4).

"CENTRANET" means a Telecommunications Service that uses central office switching equipment for call routing to handle direct dialing of calls, and to provide many private branch exchange-like features.

"Charge" means an amount charged by one Party to the other Party for services rendered or products purchased hereunder.

"Claim" has the meaning set forth in Section 10.4 of the Agreement.

"CLASS (Custom Local Area Signaling Service) and LASS (Local Area Signaling Service)" means a grouping of optional enhancements to basic local exchange service that offers special call handling features to residential and single-line business customers (e.g., call waiting, call forwarding and automatic redial).

"CLEC" means competitive local exchange carrier.

"CLLI codes" means Common Language Location Identifier Codes.

"CMRS Provider" means a provider of commercial mobile radio services. CMRS providers are authorized pursuant to 47 U.S.C. Section 332(d)(1) as interpreted by the FCC and the federal courts.

"Collocation" has the meaning set forth in Section 2.1 of Attachment 3 of the Agreement.

"Combinations" has the meaning set forth in Section 1 of the Agreement.

[Combinations]

"Commission" means the Illinois Commerce Commission.

"Common Transport" has the meaning set forth in Section 7.1 of Attachment 2 of the Agreement.

"Complaint" and **"Complaining Party"** have the respective meanings set forth in Section 2(b) of Appendix I to Attachment 1 of the Agreement.

Agreement.

"Damages" has the meaning set forth in Section 10.4 of the Agreement.

"Dedicated Transport" has the meaning set forth in Section 8.1 of Attachment 2 of the Agreement.

"Directory Listings" has the meaning set forth in Sections 19.1 and 19.2 of the Agreement.

"Directory Assistance Service" has the meaning set forth in Section 6.1 of Attachment 2 of the Agreement.

"Discloser" means that Party to this Agreement which has disclosed Confidential Information to the other Party.

"Disputes" mean all disputes, claims or disagreements arising under or related to this Agreement or the breach thereof.

"Duct" has the meaning set forth in Section 3.1.3 of Attachment 3 of the Agreement.

"Effective Date" has the meaning set forth in Section 2 of the Agreement.

"EMR" means the Exchange Message Record System used among LECs for exchanging telecommunications message information for billable, non-billable, sample, settlement and study data. EMR format is contained in BR-010-200-010 CRIS Exchange Message Record, published by Bellcore which defines the industry standard for exchange message records.

"Environmental Hazard" means any substance the presence, use, transport, abandonment or disposal of which (i) requires investigation, remediation, compensation, fine or penalty under any Applicable Law (including, without limitation, the Comprehensive Environmental Response Compensation and Liability Act, Superfund Amendment and Reauthorization Act, Resource Conservation Recovery Act, the Occupational Safety and Health Act and provisions with similar purposes in applicable foreign, state and local jurisdictions) or (ii) poses risks to human health, safety or the environment (including, without limitation, indoor, outdoor or orbital space environments) and is regulated under any Applicable Law.

"Enhanced White Pages" means optional features available for White Pages Directory listings (e.g., bold, all capitals, additional line of text, indented).

"Enhanced Yellow Pages" means optional features available for Yellow Pages Directory listings (e.g., red type, bold, all capitals, additional line of text, indented).

"ESP/ISP Traffic" means traffic bound to any enhanced service provider or Internet service provider as such traffic is referred to in CC-Dockets 96-98 and 99-68. Subject to Appendix 9 to Attachment 14 of this Agreement, ESP/ISP Traffic is not included in Local Traffic.

"Exchange Service" refers to all basic access line services, or any other services offered to end users which provide end users with a telephonic connection to, and a unique telephone number address on, the public switched telecommunications network ("PSTN"), and which enable such end users to place or receive calls to all other stations on the PSTN.

"Excluded Environmental Liabilities" has the meaning set forth in Section 8.1 of the Agreement.

"E911 Service" is a method of routing 911 calls to a PSAP that uses customer location data in the ALI/DMS to determine the PSAP to which a call should be routed.

"Facility" and **"Facilities"** has the meaning set forth in Section 3.1.4 of Attachment 3 of the Agreement.

"FCC" means the Federal Communications Commission.

"Governmental Authority" means any federal, state, local, foreign or international court, government, department, commission, board, bureau, agency, official, or other regulatory, administrative, legislative or judicial authority with jurisdiction over GTE or AT&T.

"Grooming Plan" has the meaning set forth in Section 41.1 of the Agreement.

"GTE" has the meaning set forth in the Preface of this Agreement.

"GTE Customer" means any business or residential customer for GTE Telecommunications Service.

"Impairment in Service", **"Impaired Party"** and **"Impairing Party"** shall have the respective meanings set forth in Section 4 of Attachment 9 of the Agreement.

"Inner Duct" has the meaning set forth in Section 3.1.5 of Attachment 3 of the Agreement.

"Intellectual Property" means copyrights, patents, trademarks, trade secrets, mask works and all other intellectual property rights.

"Intellectual Property Rights" has the meaning set forth in Section 10.4 of the Agreement.

"Inter-Company Review Board" means an inter-company review board established pursuant to Section 3.1 of Attachment 1 of the Agreement.

"Interconnection Services" has the meaning set forth in Section 1 of the Agreement.

"Interim Number Portability (INP)" means the delivery of LNP capabilities, from a customer standpoint in terms of call completion, with as little impairment of functioning, quality, reliability, and convenience as possible and from a carrier standpoint in terms of compensation, through the use of existing and available call routing, forwarding, and addressing capabilities.

"LATA" means local access transport area.

"Line Information Data Base(s) (LIDB)" has the meaning set forth in Section 11.3.1 of Attachment 2 of the Agreement.

"LEC" means local exchange carrier.

"LOA" has the meaning set forth in Section 25.1.1 of the Agreement.

"Local Number Portability (LNP)" means the ability of users of telecommunications services to retain, at the same location, existing telecommunications numbers without impairment of quality, reliability, or convenience when switching from one telecommunications carrier to another.

"Local Services" has the meaning set forth in Section 24 of the Agreement.

"Local Service Bill" means a Bill for Local Service Charges.

"Local Service Charges" has the meaning set forth in Section 2.1 of Appendix A to Attachment 6 of the Agreement.

"Local Traffic" for purposes of interconnection and mutual compensation under this Agreement means traffic: (i) that originates and terminates in the same GTE exchange area; or (ii) originates and terminates in different GTE exchange areas that share a common mandatory local calling area such as mandatory Extended

Area Service (EAS). Local Traffic does not include optional EAS which are those arrangements where the originating end user has a choice between rate plans, one rate plan which does include the identified route and one rate plan which does not include the identified route within the end user's flat-rate calling area. Local Traffic does not include traffic originating from or terminating to CMRS Providers.

"Loop" and **"Loop Combination"** have the respective meanings set forth in Section 3 of Attachment 2 of the Agreement.

"Loop Concentrator/Multiplexer" has the meaning set forth in Section 3.3.1 of Attachment 2 of the Agreement.

"Loop Distribution Media" has the meaning set forth in Section 3.2.1 of Attachment 2 of the Agreement.

"Loop Feeder" has the meaning set forth in Section 3.4.1 of Attachment 2 of the Agreement.

"LSR" means the Local Services request form and processes for ordering services for an end user customer which are approved by the OBF and may be modified by mutual agreement of the Parties.

"Manhole" has the meaning set forth in Section 3.1.7 of Attachment 3 of the Agreement.

"MECAB" means the Multiple Exchange Carrier Access Billing (MECAB) document prepared under the direction of the Billing Committee of the OBF which functions under the auspices of the Carrier Liaison Committee of the Alliance for Telecommunications Industry Solutions. The MECAB document, published by Bellcore as Special Report SR-BDS-000983, contains the recommended guidelines for the billing of access and other connectivity services provided by two or more LECs (including LECs and CLECs), or by one LEC or CLEC in two or more states within a single LATA.

"MECOD" means the Multiple Exchange Carriers Ordering and Design (MECOD) Guidelines for Access Services - Industry Support Interface, a document developed under the auspices of the Billing Committee of the OBF which functions under the auspices of the Carrier Liaison Committee of the Alliance for Telecommunications Industry Solutions. The MECOD document, published by Bellcore as Special Report SR STS-002643, establishes recommended guidelines for processing orders for access and other connectivity services which is to be provided by two or more LECs (including a LEC and a CLEC), or by one LEC or CLEC in two or more states within a single LATA.

"Network Element" or "Element". The term "network element" generally means a facility or equipment used in the provision of a Telecommunications Service. Specific references to the terms "Network Element", "unbundled Network Element", "Unbundled Network Element", "unbundled network element", or "network element", etc., contained in Attachment 2 and throughout this entire Agreement refer to the network elements that are to be unbundled pursuant to Section 32.9 of Part II of this Agreement and any additional network elements that are to be unbundled pursuant to the bona fide request or new service processes set forth in Attachment 12 to this Agreement. Such network elements generally include as applicable, the features, functions, and capabilities that are provided by means of such facility or equipment, including subscriber numbers, databases, signaling systems, and information sufficient for billing and collection or used in the transmission, routing, or other provision of a Telecommunications Service. Portions of this Agreement shall specify the individual features, functions, and capabilities applicable to specific network elements.

"Network Interface Device" or "NID" has the meaning set forth in Section 2.1 of Attachment 2 of the Agreement.

"New Services Request" means a request from AT&T to GTE to obtain facilities, features, capabilities, functionality or services that are not already available under this Agreement.

"North American Numbering Plan" or "NANP" means the numbering plan used in the United States that also serves Canada, Bermuda, Puerto Rico and certain Caribbean Islands. The NANP format is a 10 digit number that consists of a 3 digit NPA code (commonly referred to as the area code), followed by a 3 digit NXX code and a 4 digit line number.

"NXX" means the three digit code which appears as the first three digits of a seven digit telephone number.

"911 Service" means a universal telephone number which gives the public direct access to the PSAP. Basic 911 service collects 911 calls from one or more local exchange switches that serve a geographic area. The calls are then sent to the correct authority designated to receive such calls.

"OBF" means the Ordering and Billing Forum (OBF), which functions under the auspices of the Carrier Liaison Committee (CLC) of the Alliance for Telecommunications Industry Solutions (ATIS).

"Operator Service" has the meaning set forth in Section 5.1.1 of Attachment 2 of the Agreement.

"OSS" means operations support systems.

"Parties" means AT&T and GTE.

"Permanent Number Portability (PNP)" means the use of the Location Routing Number (LRN) database solution to provide fully transparent LNP for all customers and all providers without limitation.

"Pole Attachment" means the connection of a facility to a utility pole. Some examples of facilities are mechanical hardware, grounding and transmission cable, and equipment boxes.

"Public Safety Answering Point" or "PSAP" means an answering location for 911 calls originating in a given area. A PSAP may be designed as Primary or Secondary, which refers to the order in which calls are directed for answering. Primary PSAPs respond first; Secondary PSAPs receive calls on a transfer basis only, and generally serve as a centralized answering location for a particular type of emergency call. PSAP's are staffed by employees of Service Agencies such as police, fire or emergency medical agencies or by employees of a common bureau serving a group of such entities.

"Quality Standards" are referenced in Section 11.3, Sections 9 and 9.4.1 of Attachment 5, and Attachment 12 of the Agreement.

"Real Time" means interactive system-to-system communications and response (of the type described in Section 29.1.2 and Attachment 13) in the actual time in which an event takes place, with the reporting on or recording of the event practically simultaneous (given or assuming network and systems' capabilities) with the occurrence of the event.

"Recipient" means that party to this Agreement to which Confidential Information has been disclosed by the other party.

"Recorded Usage Data" has the meaning set forth in Attachment 7 of the Agreement.

"Remote Call Forwarding" or ("RCF") has the meaning set forth in Section 2.2 of Attachment 8 of the Agreement.

"Release" means any release, spill, emission, leaking, pumping, injection, deposit, disposal, discharge, dispersal, leaching, or migration, including without limitation, the movement of Environmental Hazards through or in the air, soil, surface water or groundwater, or any action or omission that causes

Environmental Hazards to spread or become more toxic or more expensive to investigate or remediate.

"Right of Way (ROW)" has the meaning set forth in Section 3.1.9 of Attachment 3 of the Agreement.

"SECAB" means the Small Exchange Carrier Access Billing document prepared by the Billing Committee of the OBF. The Small Exchange Carrier Access Billing document, published by Bellcore as Special Report SR OPT - 001856, contains the recommended guidelines for the billing of access and other connectivity services.

"Served Premises" means collectively, all of the locations selected by AT&T for or to which AT&T orders Network Elements or, Ancillary Functions or Combinations.

[Combinations]

"Signaling Link Transport" has the meaning set forth in Section 9.1 of Attachment 2 of the Agreement.

"Signaling Transfer Points" has the meaning set forth in Section 10.1 of Attachment 2 of the Agreement.

"State" has the meaning set forth in the preamble.

"Structure" has the meaning set forth in Section 3.1.4.1 of Attachment 3 of the Agreement.

"Tandem Switching" has the meaning set forth in Section 12.1 of Attachment 2 of the Agreement.

Telecommunications Service has the meaning set forth in Section 3 of the Act.

"Telephone Relay Service" means a service that enables speech and hearing-impaired callers to type a message into a telephone set equipped with a keypad and message screen and to have a live operator read the message to a recipient and to type message recipient's response to the speech or hearing-impaired caller. This service also works in reverse allowing nonhearing-impaired callers to initiate calls to Telephone Relay Service users.

"TSLRIC" has the meaning set forth in Section 2 of Attachment 14 of the Agreement.

"Thousands Block of Numbers" shall mean 1000 or more consecutive numbers beginning and ending on a digit boundary, e.g., 949-1000 to 949-1999.

"Transit Service" has the meaning set forth in Section 37.5.2 of the Agreement.

"Unbundled Network Element Bill" means a Bill for Unbundled Network Element Charges.

"Unbundled Network Element Charges" has the meaning set forth in Section 2.1 of Appendix B to Attachment 6 of the Agreement.

"Voluntary Federal Customer Financial Assistance Programs" are Telecommunications Services provided to low-income subscribers, pursuant to requirements established by the appropriate state regulatory body.

"Waste" means all hazardous and non-hazardous substances and materials which are intended to be discarded, scrapped, or recycled, associated with activities AT&T or GTE or their respective contractors or agents perform at Work Locations. It shall be presumed that all substances or materials associated with such activities, that are not in use or incorporated into structures (including without limitation damaged components or tools, leftovers, containers, garbage, scrap, residues or byproducts), except for substances and materials that AT&T, GTE or their respective contractors or agents intend to use in their original form in connection with similar activities, are Waste. "Waste" shall not include substances, materials or components incorporated into structures (such as cable routes) even after such components or structure are no longer in current use.

"Wire Center" means a building or space within a building that serves as an aggregation point on a LEC's network, where transmission facilities and circuits are connected or switched.

"Work Locations" means all buildings, equipment, structures and other items located on a single site or contiguous or adjacent sites owned or operated by the same person or persons for the purpose of providing Telecommunications Services in connection with this Agreement.